IFWO

RAW SEQUENCE LISTING   DATE: 08/30/2004
PATENT APPLICATION: US/10/791,619   TIME: 14:48:42

Input Set : **N:\Crf3\RULE60\10791619.raw.txt**
Output Set: **N:\CRF4\08302004\J791619.raw**

```
 1 <110> APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
 2 <120> TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving
olypeptides
 3 <130> FILE REFERENCE: P1123R1
 4 <140> CURRENT APPLICATION NUMBER: US/10/791,619
 5 <141> CURRENT FILING DATE: 2004-03-02
 6 <150> PRIOR APPLICATION NUMBER: US/09/109,207
 7 <151> PRIOR FILING DATE: 1998-06-30
 8 <150> PRIOR APPLICATION NUMBER: US 60/051,554
 9 <151> PRIOR FILING DATE: 1997-07-03
10 <160> NUMBER OF SEQ ID NOS: 44
12 <210> SEQ ID NO: 1
13 <211> LENGTH: 6127
14 <212> TYPE: DNA
15 <213> ORGANISM: Artificial
16 <220> FEATURE:
17 <221> NAME/KEY: Artificial
18 <222> LOCATION: 1-6127
19 <223> OTHER INFORMATION: Expression plasmid
20 <400> SEQUENCE: 1
21      gaattcaact tctccatact ttggataagg aaatacagac atgaaaaatc 50
22      tcattgctga gttgttattt aagcttgccc aaaaagaaga agagtcgaat 100
23      gaactgtgtg cgcaggtaga agctttggag attatcgtca ctgcaatgct 150
24      tcgcaatatg gcgcaaaatg accaacagcg gttgattgat caggtagagg 200
25      gggcgctgta cgaggtaaag cccgatgcca gcattcctga cgacgatacg 250
26      gagctgctgc gcgattacgt aaagaagtta ttgaagcatc ctcgtcagta 300
27      aaaagttaat cttttcaaca gctgtcataa agttgtcacg gccgagactt 350
28      atagtcgctt tgtttttatt ttttaatgta tttgtaacta gaattcgagc 400
29      tcggtacccg gggatcctct cgaggttgag gtgatttttat gaaaaagaat 450
30      atcgcatttc ttcttgcatc tatgttcgtt ttttctattg ctacaaacgc 500
31      gtacgctgat atccagctga cccagtcccc gagctccctg tccgcctctg 550
32      tgggcgatag ggtcaccatc acctgccgtg ccagtcagag cgtcgattac 600
33      gaaggtgata gctacctgaa ctggtatcaa cagaaaccag gaaagctcc 650
34      gaaactactg atttacgcgg cctcgtacct ggagtctgga gtcccttctc 700
35      gcttctctgg atccggttct gggacggatt tcactctgac catcagcagt 750
36      ctgcagccag aagacttcgc aacttattac tgtcagcaaa gtcacgagga 800
37      tccgtacaca tttggacagg gtaccaaggt ggagatcaaa cgaactgtgg 850
38      ctgcaccatc tgtcttcatc ttcccgccat ctgatgagca gttgaaatct 900
39      ggaactgctt ctgttgtgtg cctgctgaat aacttctatc ccagagaggc 950
40      caaagtacag tggaaggtgg ataacgccct ccaatcgggt aactcccagg 1000
41      agagtgtcac agagcaggac agcaaggaca gcacctacag cctcagcagc 1050
42      accctgacgc tgagcaaagc agactacgag aaacacaaag tctacgcctg 1100
43      cgaagtcacc catcagggcc tgagctcgcc cgtcacaaag agcttcaaca 1150
44      ggggagagtg ttaagctgat cctctacgcc ggacgcatcg tggccctagt 1200
```

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45    acgcaagttc acgtaaaaag ggtatctaga ggttgaggtg attttatgaa 1250
46    aaagaatatc gcatttcttc ttgcatctat gttcgttttt tctattgcta 1300
47    caaacgcgta cgctgaggtt cagctggtgg agtctggcgg tggcctggtg 1350
48    cagccagggg gctcactccg tttgtcctgt gcagtttctg gctactccat 1400
49    cacctccgga tacagctgga actggatccg tcaggccccg ggtaagggcc 1450
50    tggaatgggt tgcatcgatt acgtatgacg gatcgactaa ctataaccct 1500
51    agcgtcaagg gccgtatcac tataagtcgc gacgattcca aaaacacatt 1550
52    ctacctgcag atgaacagcc tgcgtgctga ggacactgcc gtctattatt 1600
53    gtgctcgagg cagccactat ttcggtcact ggcacttcgc cgtgtggggt 1650
54    caaggaaccc tggtcaccgt ctcctcggcc tccaccaagg gcccatcggt 1700
55    cttcccccta gcaccctcct ccaagagcac ctctgggggc acagcggccc 1750
56    tgggctgcct ggtcaaggac tacttccccg aaccggtgac ggtgtcgtgg 1800
57    aactcaggcg ccctgaccag cggcgtgcac accttcccgg ctgtcctaca 1850
58    gtcctcagga ctctactccc tcagcagcgt ggtgaccgtg ccctccagca 1900
59    gcttgggcac ccagacctac atctgcaacg tgaatcacaa gcccagcaac 1950
60    accaaggtgg acaagaaagt tgagcccaaa tcttgtgaca aaactcacac 2000
61    ctagagtggc ggtggctctg gttccggtga ttttgattat gaaaagatgg 2050
62    caaacgctaa taagggggct atgaccgaaa atgccgatga aaacgcgcta 2100
63    cagtctgacg ctaaaggcaa acttgattct gtcgctactg attacggtgc 2150
64    tgctatcgat ggtttcattg gtgacgtttc cggccttgct aatggtaatg 2200
65    gtgctactgg tgattttgct ggctctaatt cccaaatggc tcaagtcggt 2250
66    gacggtgata attcaccttt aatgaataat ttccgtcaat atttaccttc 2300
67    cctccctcaa tcggttgaat gtcgcccttt tgtctttagc gctggtaaac 2350
68    catatgaatt ttctattgat tgtgacaaaa taaacttatt ccgtggtgtc 2400
69    tttgcgtttc ttttatatgt tgccaccttt atgtatgtat tttctacgtt 2450
70    tgctaacata ctgcgtaata aggagtctta atcatgccag ttcttttggc 2500
71    tagcgccgcc ctataccttg tctgcctccc cgcgttgcgt cgcggtgcat 2550
72    ggagccgggc cacctcgacc tgaatggaag ccggcggcac ctcgctaacg 2600
73    gattcaccac tccaagaatt ggagccaatc aattcttgcg gagaactgtg 2650
74    aatgcgcaaa ccaacccttg gcagaacata tccatcgcgt ccgccatctc 2700
75    cagcagccgc acgcggcgca tctcgggcag cgttgggtcc tggccacggg 2750
76    tgcgcatgat cgtgctcctg tcgttgagga cccggctagg ctggcgggt 2800
77    tgccttactg gttagcagaa tgaatcaccg atacgcgagc gaacgtgaag 2850
78    cgactgctgc tgcaaaacgt ctgcgacctg agcaacaaca tgaatggtct 2900
79    tcggtttccg tgtttcgtaa agtctggaaa cgcggaagtc agcgccctgc 2950
80    accattatgt tccggatctg catcgcagga tgctgctggc taccctgtgg 3000
81    aacacctaca tctgtattaa cgaagcgctg gcattgaccc tgagtgattt 3050
82    ttctctggtc ccgccgcatc cataccgcca gttgtttacc ctcacaacgt 3100
83    tccagtaacc gggcatgttc atcatcagta acccgtatcg tgagcatcct 3150
84    ctctcgtttc atcggtatca ttacccccat gaacagaaat tcccccttac 3200
85    acggaggcat caagtgacca aacaggaaaa aaccgccctt aacatggccc 3250
86    gctttatcag aagccagaca ttaacgcttc tggagaaact caacgagctg 3300
87    gacgcggatg aacaggcaga catctgtgaa tcgcttcacg accacgctga 3350
88    tgagctttac cgcaggatcc ggaaattgta aacgttaata ttttgttaaa 3400
89    attcgcgtta aattttttgtt aaatcagctc attttttaac caataggccg 3450
90    aaatcggcaa aatcccttat aaatcaaaag aatagaccga gatagggttg 3500
91    agtgttgttc cagtttggaa caagagtcca ctattaaaga acgtggactc 3550
92    caacgtcaaa gggcgaaaaa ccgtctatca gggctatggc ccactacgtg 3600
93    aaccatcacc ctaatcaagt tttttggggt cgaggtgccg taaagcacta 3650
```

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Input Set : N:\Crf3\RULE60\10791619.raw.txt
Output Set: N:\CRF4\08302004\J791619.raw

```
 94    aatcggaacc ctaaagggag cccccgattt agagcttgac ggggaaagcc 3700
 95    ggcgaacgtg gcgagaaagg aagggaagaa agcgaaagga gcgggcgcta 3750
 96    gggcgctggc aagtgtagcg gtcacgctgc gcgtaaccac cacacccgcc 3800
 97    gcgcttaatg cgccgctaca gggcgcgtcc ggatcctgcc tcgcgcgttt 3850
 98    cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca 3900
 99    cagcttgtct gtaagcggat gccgggagca gacaagcccg tcagggcgcg 3950
100    tcagcgggtg ttggcgggtg tcggggcgca gccatgaccc agtcacgtag 4000
101    cgatagcgga gtgtatactg gcttaactat gcggcatcag agcagattgt 4050
102    actgagagtg caccatatgc ggtgtgaaat accgcacaga tgcgtaagga 4100
103    gaaaataccg catcaggcgc tcttccgctt cctcgctcac tgactcgctg 4150
104    cgctcggtcg ttcggctgcg gcgagcggta tcagctcact caaaggcggt 4200
105    aatacggtta tccacagaat caggggataa cgcaggaaag aacatgtgag 4250
106    caaaaggcca gcaaaaggcc aggaaccgta aaaaggccgc gttgctggcg 4300
107    ttttttccata ggctccgccc ccctgacgag catcacaaaa atcgacgctc 4350
108    aagtcagagg tggcgaaacc cgacaggact ataaagatac caggcgtttc 4400
109    cccctggaag ctccctcgtg cgctctcctg ttccgaccct gccgcttacc 4450
110    ggatacctgt ccgcctttct cccttcggga agcgtggcgc tttctcatag 4500
111    ctcacgctgt aggtatctca gttcggtgta ggtcgttcgc tccaagctgg 4550
112    gctgtgtgca cgaacccccc gttcagcccg accgctgcgc cttatccggt 4600
113    aactatcgtc ttgagtccaa cccggtaaga cacgacttat cgccactggc 4650
114    agcagccact ggtaacagga ttagcagagc gaggtatgta ggcggtgcta 4700
115    cagagttctt gaagtggtgg cctaactacg gctacactag aaggacagta 4750
116    tttggtatct gcgctctgct gaagccagtt accttcggaa aaagagttgg 4800
117    tagctcttga tccggcaaac aaaccaccgc tggtagcggt ggtttttttg 4850
118    tttgcaagca gcagattacg cgcagaaaa aaggatctca agaagatcct 4900
119    ttgatctttt ctacggggtc tgacgctcag tggaacgaaa actcacgtta 4950
120    agggattttg gtcatgagat tatcaaaaag gatcttcacc tagatccttt 5000
121    taaattaaaa atgaagtttt aaatcaatct aaagtatata tgagtaaact 5050
122    tggtctgaca gttaccaatg cttaatcagt gaggcaccta tctcagcgat 5100
123    ctgtctattt cgttcatcca tagttgcctg actccccgtc gtgtagataa 5150
124    ctacgatacg ggagggctta ccatctggcc ccagtgctgc aatgataccg 5200
125    cgagacccac gctcaccggc tccagattta tcagcaataa accagccagc 5250
126    cggaagggcc gagcgcagaa gtggtcctgc aactttatcc gcctccatcc 5300
127    agtctattaa ttgttgccgg gaagctagag taagtagttc gccagttaat 5350
128    agtttgcgca acgttgttgc cattgctgca ggcatcgtgg tgtcacgctc 5400
129    gtcgtttggt atggcttcat tcagctccgg ttcccaacga tcaaggcgag 5450
130    ttacatgatc ccccatgttg tgcaaaaaag cggttagctc cttcggtcct 5500
131    ccgatcgttg tcagaagtaa gttggccgca gtgttatcac tcatggttat 5550
132    ggcagcactg cataattctc ttactgtcat gccatccgta agatgctttt 5600
133    ctgtgactgg tgagtactca accaagtcat tctgagaata gtgtatgcgg 5650
134    cgaccgagtt gctcttgccc ggcgtcaaca cgggataata ccgcgccaca 5700
135    tagcagaact ttaaaagtgc tcatcattgg aaaacgttct cggggcgaa 5750
136    aactctcaag gatcttaccg ctgttgagat ccagttcgat gtaacccact 5800
137    cgtgcaccca actgatcttc agcatctttt actttcacca gcgtttctgg 5850
138    gtgagcaaaa acaggaaggc aaaatgccgc aaaaaaggga ataagggcga 5900
139    cacggaaatg ttgaatactc atactcttcc tttttcaata ttattgaagc 5950
140    atttatcagg gttattgtct catgagcgga tacatatttg aatgtattta 6000
141    gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgccac 6050
142    ctgacgtcta agaaaccatt attatcatga cattaaccta taaaaatagg 6100
```

RAW SEQUENCE LISTING   DATE: 08/30/2004
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Input Set : N:\Crf3\RULE60\10791619.raw.txt
Output Set: N:\CRF4\08302004\J791619.raw

```
143        cgtatcacga ggcccttcg tcttcaa 6127
145 <210> SEQ ID NO: 2
146 <211> LENGTH: 121
147 <212> TYPE: PRT
148 <213> ORGANISM: Mus musculus
149 <400> SEQUENCE: 2
150        Asp Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser
151        1               5                   10                  15
152        Gln Ser Leu Ser Leu Ala Cys Ser Val Thr Gly Tyr Ser Ile Thr
153                        20                  25                  30
154        Ser Gly Tyr Ser Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys
155                        35                  40                  45
156        Leu Glu Trp Met Gly Ser Ile Thr Tyr Asp Gly Ser Ser Asn Tyr
157                        50                  55                  60
158        Asn Pro Ser Leu Lys Asn Arg Ile Ser Val Thr Arg Asp Thr Ser
159                        65                  70                  75
160        Gln Asn Gln Phe Phe Leu Lys Leu Asn Ser Ala Thr Ala Glu Asp
161                        80                  85                  90
162        Thr Ala Thr Tyr Tyr Cys Ala Arg Gly Ser His Tyr Phe Gly His
163                        95                  100                 105
164        Trp His Phe Ala Val Trp Gly Ala Gly Thr Thr Val Thr Val Ser
165                        110                 115                 120
166        Ser
168 <210> SEQ ID NO: 3
169 <211> LENGTH: 121
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial
172 <220> FEATURE:
173 <221> NAME/KEY: Artificial
174 <222> LOCATION: 1-121
175 <223> OTHER INFORMATION: F(ab) sequence derived from MAE11
176 <400> SEQUENCE: 3
177        Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
178        1               5                   10                  15
179        Gly Ser Leu Arg Leu Ser Cys Ala Val Ser Gly Tyr Ser Ile Thr
180                        20                  25                  30
181        Ser Gly Tyr Ser Trp Asn Trp Ile Arg Gln Ala Pro Gly Lys Gly
182                        35                  40                  45
183        Leu Glu Trp Val Ala Ser Ile Thr Tyr Asp Gly Ser Thr Asn Tyr
184                        50                  55                  60
185        Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser
186                        65                  70                  75
187        Lys Asn Thr Phe Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
188                        80                  85                  90
189        Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser His Tyr Phe Gly His
190                        95                  100                 105
191        Trp His Phe Ala Val Trp Gly Gln Gly Thr Leu Val Thr Val Ser
192                        110                 115                 120
193        Ser
```

W--> marker at line 173

RAW SEQUENCE LISTING   DATE: 08/30/2004
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Input Set : N:\Crf3\RULE60\10791619.raw.txt
Output Set: N:\CRF4\08302004\J791619.raw

```
195 <210> SEQ ID NO: 4
196 <211> LENGTH: 121
197 <212> TYPE: PRT
198 <213> ORGANISM: Homo sapiens
199 <220> FEATURE:
200 <221> NAME/KEY: unsure
201 <222> LOCATION: 30, 104-108
202 <223> OTHER INFORMATION: unknown amino acid
203 <400> SEQUENCE: 4
204         Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
205         1               5                   10                  15
W--> 206    Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Xaa
207                         20                  25                  30
208         Ser Asp Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly
209                         35                  40                  45
210         Leu Glu Trp Val Ala Val Ile Ser Asn Gly Ser Asp Thr Tyr Tyr
211                         50                  55                  60
212         Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser
213                         65                  70                  75
214         Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
215                         80                  85                  90
W--> 216    Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Arg Phe Phe Xaa Xaa
217                         95          ,       100                 105
W--> 218    Xaa Xaa Xaa Asp Val Trp Gly Gln Gly Thr Leu Val Thr Val Ser
219                         110                 115                 120
220         Ser
222 <210> SEQ ID NO: 5
223 <211> LENGTH: 111
224 <212> TYPE: PRT
225 <213> ORGANISM: Mus musculus
226 <400> SEQUENCE: 5
227         Asp Ile Gln Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu
228         1               5                   10                  15
229         Gly Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser Val Asp
230                         20                  25                  30
231         Tyr Asp Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro Gly
232                         35                  40                  45
233         Gln Pro Pro Ile Leu Leu Ile Tyr Ala Ala Ser Tyr Leu Gly Ser
234                         50                  55                  60
235         Glu Ile Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe
236                         65                  70                  75
237         Thr Leu Asn Ile His Pro Val Glu Glu Glu Asp Ala Ala Thr Phe
238                         80                  85                  90
239         Tyr Cys Gln Gln Ser His Glu Asp Pro Tyr Thr Phe Gly Ala Gly
240                         95                  100                 105
241         Thr Lys Leu Glu Ile Lys
242                         110
244 <210> SEQ ID NO: 6
245 <211> LENGTH: 111
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/30/2004
PATENT APPLICATION: US/10/791,619   TIME: 14:48:43

    Input Set : **N:\Crf3\RULE60\10791619.raw.txt**
    Output Set: **N:\CRF4\08302004\J791619.raw**

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 30,104,105,106,107,108
Seq#:7; Xaa Pos. 33,34
Seq#:36; N Pos. 16,17,19,20,25,26,28,29
Seq#:37; N Pos. 16,17,19,20,22,28,29
Seq#:38; N Pos. 16,17,19,20,22,23,28,29,34,35
Seq#:39; N Pos. 17,18,20,21,23,24,26,27
Seq#:40; N Pos. 21,22,24,25,27,28,33,34
Seq#:41; N Pos. 17,18,20,21,23,24,26,27,29,30
Seq#:42; N Pos. 22,23,25,26,28,29,34,35
Seq#:43; N Pos. 15,16,18,19,21,22,27,28,33,34
Seq#:44; N Pos. 16,17,19,20,25,26,31,32

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,2
Seq#:36; Line(s) 1201
Seq#:37; Line(s) 1215
Seq#:38; Line(s) 1229
Seq#:39; Line(s) 1243
Seq#:40; Line(s) 1257
Seq#:41; Line(s) 1272
Seq#:42; Line(s) 1286
Seq#:43; Line(s) 1301
Seq#:44; Line(s) 1316

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,3,6,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30
Seq#:31,32,33,34,35,36,37,38,39,40,41,42,43,44

VERIFICATION SUMMARY   DATE: 08/30/2004
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Input Set : **N:\Crf3\RULE60\10791619.raw.txt**
Output Set: **N:\CRF4\08302004\J791619.raw**

```
L:17 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:173 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:15
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:90
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:105
L:249 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:30
L:301 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:327 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:353 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:379 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:405 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:431 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
L:471 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
L:542 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:582 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:653 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:693 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:764 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
L:804 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
L:845 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21
L:886 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:930 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
L:974 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:24
L:1014 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25
L:1056 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26
L:1098 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27
L:1109 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28
L:1120 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:29
L:1131 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30
L:1142 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31
L:1154 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32
L:1165 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33
L:1176 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34
L:1188 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:35
L:1199 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36
L:1205 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36
L:1206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1213 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37
L:1219 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:37
L:1220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1227 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38
L:1233 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:38
L:1234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1241 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:39
L:1247 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:39
L:1248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1255 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:40
```

VERIFICATION SUMMARY   DATE: 08/30/2004
PATENT APPLICATION: **US/10/791,619**   TIME: 14:48:43

Input Set : **N:\Crf3\RULE60\10791619.raw.txt**
Output Set: **N:\CRF4\08302004\J791619.raw**

```
L:1261 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1270 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:41
L:1276 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1284 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:42
L:1290 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:42
L:1291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1299 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:43
L:1305 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:43
L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1314 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44
L:1320 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:44
L:1321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
```